

Miami Dade County 3rd Quarter 2009 Residential Single Stream Program





This represents enough saved timber resources to produce more than 1.5 Billion sheets of newspaper!

47.8 million Kw-Hrs

fulfill the monthly electricity

of Electricity from

This is enough power to

needs of more than





23,318 Barrels of Oil

This provides enough energy to heat and cool more than 58,203 homes for one month!

In the 3rd Quarter 2009, Miami Dade County recycled:

794 tons of Cardboard/paper;

7,799 tons of Newspaper; 809 tons of mixed

paper; 204 tons of tin Cans; 979 tons of plastics;

129 tons of aluminum;

and 3,309 tons of glass.

We also managed 1,515 tons of residue at

Waste-to-energy (WTE) facilities.



The recycling of these materials prevented these GHG emissions!

3.9 Million Kw-Hrs of Electricity from Waste-to-Energy

This is enough power to fulfill the monthly electricity needs of more than 3,995 homes!

47,758 Cubic Yards Of Landfill Airspace

Recycling

47,798 homes!

This represents enough airspace to fulfill the municipal waste disposal needs for 746,220 people for one month!



Recycling these materials avoided their manufacturing from virgin materials thereby conserving these natural resources. Use of WTE also generated electricity as noted.



65.8 Million Gallons of Water

This represents enough fresh water to meet the daily fresh water needs of more than 877,520 people!

1 The environmental benefits shown here represent the difference in natural resource consumption and GHG emissions that result from using recycled inputs versus virgin inputs. MTCO2E = metric tons of Carbon dioxide equivalent. Sources: U.S. Environmental Protection Agency, International Aluminum Institute, National Association for PET Container Resources, Institute of Scrap Recycling Industries, Earth Works Group Recycler's Handbook, One Earth Recycle, Bring Recycling.org, National Recycling Coalition, US Forest Products Laboratory, Wheelabrator Technologies, and Waste Management. Copyright ©2008 by Waste Management, Inc.